

DISCRETE MATHEMATICS
VOLUME 158, NUMBERS 1-3, 15 OCTOBER 1996

CONTENTS

Regular Papers

<i>U. Baumann</i> Automorphism groups of graphs with 1-factorizations	1
<i>F.E. Bennett and L. Zhu</i> The spectrum of $\text{HSOLSSOM}(h^n)$ where h is even	11
<i>B. Bollobás</i> Degree multiplicities and independent sets in K_4 -free graphs	27
<i>P. Bugata, M. Horňák and A. Nagy</i> On $(1, 2)$ -realizable graphs	37
<i>C. Fan, D.R. Lick and J. Liu</i> Pseudo-cartesian product and hamiltonian decompositions of Cayley graphs on abelian groups	49
<i>G. Gordon</i> Series-parallel posets and the Tutte polynomial	63
<i>I.P. Goulden, D.M. Jackson and C.M. Springer</i> An umbral relation between pattern and commutation in strings	77
<i>M.A. Henning and P.J. Slater</i> Inequalities relating domination parameters in cubic graphs	87
<i>R.B. Hughes and M.R. Anderson</i> Simplexity of the cube	99
<i>R. Jajcay</i> Characterization and construction of Cayley graphs admitting regular Cayley maps	151
<i>P. Lalonde</i> A non-commutative version of Jacobi's equality on the cofactors of a matrix	161
<i>B. Li</i> The ANTI-order for cacc posets — Part I	173
<i>B. Li</i> The ANTI-order for cacc posets — Part II	185
<i>B.R. Nair and A. Vijayakumar</i> Strongly edge triangle regular graphs and a conjecture of Kotzig	201
<i>N. Polat</i> Finite invariant sets in infinite graphs	211
<i>I. Rusu</i> Properly orderable graphs	223
<i>C. Wrathall</i> The lattices of prefixes and overlaps of traces	231

DISCRETE MATHEMATICS
VOLUME 158, NUMBERS 1-3, 15 OCTOBER 1996

CONTENTS

Regular Papers

<i>U. Baumann</i> Automorphism groups of graphs with 1-factorizations	1
<i>F.E. Bennett and L. Zhu</i> The spectrum of $\text{HSOLSSOM}(h^n)$ where h is even	11
<i>B. Bollobás</i> Degree multiplicities and independent sets in K_4 -free graphs	27
<i>P. Bugata, M. Horňák and A. Nagy</i> On $(1, 2)$ -realizable graphs	37
<i>C. Fan, D.R. Lick and J. Liu</i> Pseudo-cartesian product and hamiltonian decompositions of Cayley graphs on abelian groups	49
<i>G. Gordon</i> Series-parallel posets and the Tutte polynomial	63
<i>I.P. Goulden, D.M. Jackson and C.M. Springer</i> An umbral relation between pattern and commutation in strings	77
<i>M.A. Henning and P.J. Slater</i> Inequalities relating domination parameters in cubic graphs	87
<i>R.B. Hughes and M.R. Anderson</i> Simplexity of the cube	99
<i>R. Jajcay</i> Characterization and construction of Cayley graphs admitting regular Cayley maps	151
<i>P. Lalonde</i> A non-commutative version of Jacobi's equality on the cofactors of a matrix	161
<i>B. Li</i> The ANTI-order for cacc posets — Part I	173
<i>B. Li</i> The ANTI-order for cacc posets — Part II	185
<i>B.R. Nair and A. Vijayakumar</i> Strongly edge triangle regular graphs and a conjecture of Kotzig	201
<i>N. Polat</i> Finite invariant sets in infinite graphs	211
<i>I. Rusu</i> Properly orderable graphs	223
<i>C. Wrathall</i> The lattices of prefixes and overlaps of traces	231

<i>B. Zelinka</i>	
Some remarks on domination in cubic graphs	249
<i>H. Zhang</i>	
The connectivity of Z-transformation graphs of perfect matchings of polyominoes	257
Notes	
<i>A. Brandstädt, V.D. Chepoi and F.F. Dragan</i>	
Perfect elimination orderings of chordal powers of graphs	273
<i>V. Bryant</i>	
A characterisation of some 2-connected graphs and a comment on an algorithmic proof of Brooks' theorem	279
<i>P. Erdős, T.J. Reid, R. Schelp and W. Staton</i>	
Sizes of graphs with induced subgraphs of large maximum degree	283
<i>O. Favaron</i>	
Signed domination in regular graphs	287
<i>J. Shen</i>	
An improvement of the Dulmage-Mendelsohn theorem	295
Author index to volume 158	299